

Comparisons of Job Characteristics

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Gas Plant Operators (51-8092)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Gas Plant Operators (51-8092)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Mechanical | 6.8 | 16.8 | 14.8 | < | Expanded education and/or training may be required |
| Public Safety and Security | 6.9 | 12.1 | 8.2 | << | Extensive education and/or training may be required |
| Physics | 4.3 | 8.8 | 5.6 | << | Extensive education and/or training may be required |
| Chemistry | 4.8 | 8.4 | 5.2 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Gas Plant Operators (51-8092)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Operation Monitoring | 6.6 | 16.0 | 11.8 | << | Extensive development of skills in this area may be required |
| Operation and Control | 5.4 | 12.0 | 10.3 | < | A higher skill level may be required |
| Quality Control Analysis | 5.9 | 10.8 | 8.7 | < | A higher skill level may be required |
| Troubleshooting | 4.5 | 9.4 | 8.3 | < | A higher skill level may be required |
| Equipment Maintenance | 3.5 | 8.4 | 7.7 | 0 | Current skill level may be sufficient |
| Repairing | 3.4 | 8.4 | 7.9 | 0 | Current skill level may be sufficient |
| Equipment Selection | 3.3 | 6.3 | 5.7 | < | A higher skill level may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 78 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Gas Plant Operators (51-8092) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Auditory Attention | 5.9 | 13.2 | 9.5 | << | Extensive improvement in abilities may be required |
| Perceptual Speed | 7.4 | 12.8 | 9.7 | << | Extensive improvement in abilities may be required |
| Reaction Time | 4.8 | 10.7 | 10.3 | 0 | Current ability level may be sufficient |
| Hearing Sensitivity | 5.6 | 9.0 | 9.8 | 0 | Current ability level may be sufficient |
| Response Orientation | 4.0 | 8.6 | 8.1 | 0 | Current ability level may be sufficient |
| Rate Control | 3.8 | 7.6 | 7.2 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 74 |
|--|-------------------------|---|
| Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Gas Plant Operators (51-8092) | | |
| Work Activities | Exclusivity of Activity | |
| Confer with engineering, technical or manufacturing personnel | 25 | |
| Control operation of compressors | 76 | |
| Direct and coordinate activities of workers or staff | 3 | |
| Use hand or power tools | 2 | |
| Use precision measuring tools or equipment | 17 | |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Tools and Technologies that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: n/a |
|--|--|--|
| Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Gas Plant Operators (51-8092) | | |
| Tools and Technologies | | Exclusivity |
| Tools and technology data is unavailable for one or both occupations. | | |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.